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1 MAR 1979

Mr. Gerald W. Findley
Director, Special Projects Staff (CDD)
Automated Data and
Telecommunications Service
General Services Administration
18th & F Streets, N. W.
Washington, D. C. 20405

Re: Draft of Remote Terminal Emulation Specification
for Federal ADP System Procurements

Dear Mr. Findley:

The submitted draft was reviewed by me and other interested parties in the Agency. In general, we find this draft valuable in providing a documented framework for benchmarks requiring terminal emulation.

For our purposes this specification represents a minimum requirement because of the limitations detailed below:

- a. the omission of encryption decryption hardware emulation, page 43, would not provide realistic throughput data rates or realistic delays in data transmission,
- b. the lack of buffering for printers, page 44,
- c. the limit of 24 lines with buffers of less than 2200 characters for interactive devices is less than our present equipment (cf, pp. 47, 49),

- d. there is no asynchronous intermediate device such as a front end processor identified in table III-2, pp. 52-53,
and,
- e. the limit of 256 communications links would not provide a true test of a system with requirements to support 1000-2000 terminals with more than 256 units active at any time.

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[REDACTED]
Chief, Management Staff
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